

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	((("5715001") or ("4737841") or ("0473966"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/21 07:55
L2	6	((("5715001") or ("4737841") or ("0473966"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/21 07:53
L3	8	"0473966"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 07:55
L4	22	"473966"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 07:56
L5	2	"7023294"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 07:56
L6	3	"07023294"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 08:15
L7	16	(250/208.1.ccls. 348/311,313,320.ccls.) and charge\$2.clm. near3 (divi\$4 split\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 08:35
L8	234	charge\$2.clm. near3 (divi\$4 split\$4)	US-PGPUB	OR	ON	2006/09/21 08:19
L9	31	charge\$2.clm. near3 (divi\$4 split\$4) and ccd	US-PGPUB	OR	ON	2006/09/21 08:19

## EAST Search History

L10	3231	250/208.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 08:27
L11	531	348/311,313,320.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 08:35
S1	10	((("5710447") or ("5051832") or ("4866496") or ("4649554") or ("0593922"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/05 07:58
S2	10	((("5710447") or ("5051832") or ("4866496") or ("4649554") or ("0593922"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/02 13:33
S3	15	"593922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 13:33
S4	4	((("5715001") or ("4737841"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/02 13:44
S5	22	"473966"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 13:45
S6	2	"7023294"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 13:46

## EAST Search History

S7	0	jp7023294	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 13:46
S8	15	"023294"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 13:47
S9	0	"19930183315"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 13:47
S10	26	"0183315"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 13:58
S11	3	"07023294"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 13:58
S12	11	250/208.1.ccls. and charge near (division divide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 14:21
S13	1	250/208.1.ccls. and barrier near (removable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 16:25
S14	1	250/208.1.ccls. and barrier near (movable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 14:21

## EAST Search History

S15	3	250/208.1.ccls. and barrier near (remov\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 14:36
S16	13	250/208.1.ccls. and fat adj zero	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 14:45
S17	258	fat adj zero	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 14:46
S18	245	fat adj zero not S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 16:05
S19	125	ccd and charge adj division	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 08:05
S20	41	(pixel ccd) and barrier near (removable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 16:30
S21	46	(348/313).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/02 16:30
S22	0	(5348/311,312).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/05 07:58

## EAST Search History

S23	672	(348/311,312).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/05 07:58
S24	125	ccd and charge adj division	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 08:05
S25	102	ccd and charge near split\$4 not S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 08:21
S26	45	S23 and charge near inject\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 08:27
S27	83	(inter\$pixel inter adj pixel between near pixel) near2 charge and ccd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 11:40
S28	275	pixel with (divi\$4) with charge and ccd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 11:41
S29	125	ccd and charge adj division	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 11:42
S30	83	(inter\$pixel inter adj pixel between near pixel) near2 charge and ccd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 11:42

## EAST Search History

S31	244	pixel with (divi\$4) with charge and ccd not S29 not S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 12:36
S32	489	pixel with (divi\$4) with charge not S29 not S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 11:52
S33	245	S32 not S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 11:53
S34	244	S32 not S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 11:53
S35	43	pixel with (divi\$4) near2 charge and ccd not S29 not S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 14:03
S36	672	(348/311,312).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/05 15:35
S37	45	S36 and charge near inject\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 14:03
S38	627	S36 not S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 14:08

## EAST Search History

S39	318	S38 and (reset bias)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 14:08
S40	86	(348/320).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/05 15:46
S41	271	ccd and (interpixel inter adj pixel inter\$1pixel) not S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 16:19
S42	443	(257/232).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/06 07:37
S43	1533	(interpixel inter adj pixel inter\$1pixel) not S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 16:20
S44	1262	S43 not S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 16:20
S45	271	S43 not S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 16:20
S46	444	(257/232).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/06 07:38

## EAST Search History

S47	170	S46 and (charge near inject\$4 bias\$3 reset)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 07:40
S48	673	(348/311,312).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/06 07:40
S49	160	S46 and (charge near inject\$4 bias\$3 reset) not S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 07:41
S50	120	S46 and (charge near inject\$4 bias\$3 reset) and ccd not S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 07:41
S51	17	("4360732"   "4369372"   "4394675"   "4472638"   "4504740"   "4583108").PN. OR ("4684800"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 08:49
S52	12	("4034199"   "4139784"   "4178519"   "4191895"   "4191896"   "4521106").PN. OR ("4644572"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 08:56
S53	12	("4034199"   "4139784"   "4178519"   "4191895"   "4191896"   "4521106").PN. OR ("4644572"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 09:10
S54	8	("3660697"   "3937985"   "3983573"   "4010485"   "Re30917").PN. OR ("4482909"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 09:10
S55	13	("4001501"   "4264930"   "4454541"   "4527199"   "4568977"   "4791677"   "4797806"   "4901154"   "4943934").PN. OR ("5041912").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 09:17
S56	4	("4099197"   "4210825"   "4350902").PN. OR ("4726049"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 09:31

## EAST Search History

S57	3	("4684993"   "4912560"   "5504526").PN. OR ("5715001").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 10:12
S58	0	("473785450815365105277").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/06 10:12
S59	6	((("4737854") or ("5081536") or ("5105277"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/06 10:13
S60	20	("4242599"   "4274113"   "4338633"   "4407010").PN. OR ("4737854").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 10:19
S61	13	("4737854"   "4814296"   "5081536"   "5105277"   "5153421"   "5340619"   "5473513"   "5493423"   "5521125"   "5604362"   "5638121"   "5848331").PN. OR ("6670598").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 10:40
S62	13	("4737854"   "4814296"   "5081536"   "5105277"   "5153421"   "5340619"   "5473513"   "5493423"   "5521125"   "5604362"   "5638121"   "5848331").PN. OR ("6670598").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 11:22
S63	6	("4387389"   "4733407"   "5061927"   "5189423"   "5327138").PN. OR ("5708282").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 11:29
S64	11	("4264930"   "4302779"   "4336557"   "4375597").PN. OR ("4527199").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 11:33
S65	6	("3911467"   "4527199"   "4805026"   "4995061"   "4996600").PN. OR ("5592219").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 11:39
S66	5	("5308970"   "5379067"   "5539536").PN. OR ("5767901").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 12:49
S67	925	(ccd "c.c.d." charge adj coupled adj device) and charge near inject\$3 with (pixel element photosite photodiode photo adj site photo adj diode)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 12:52

## EAST Search History

S68	467	(ccd "c.c.d." charge adj coupled adj device) and charge near inject\$3 near3 (pixel element photosite photodiode photo adj site photo adj diode)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 13:00
S70	600	(ccd "c.c.d." charge adj coupled adj device) and charge near inject\$3 and (pixel element photosite photodiode photo adj site photo adj diode) near2 adjacent	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/06 13:05
S71	154	(ccd "c.c.d." charge adj coupled adj device) and charge near inject\$3 and (pixel element photosite photodiode photo adj site photo adj diode) near2 adjacent with charge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/06 13:05